

Air Grilles

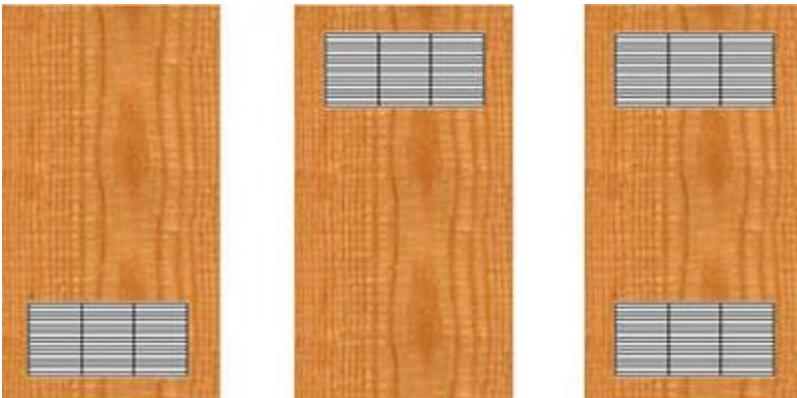
Air transfer grilles on Maxi fire doors allow for circulation of air between fire protected compartments. In the event of fire, the intumescent incorporated within the air transfer grilles prevents the transfer of flames and hot gases, and maintains the overall integrity and fire resistance of the doorset for up to 2 hours.

Circulation of air in buildings is necessary to limit airborne infections and allow for air temperature changes from air conditioning and heating. As buildings are often compartmented for privacy and fire protection, fire tested and approved air transfer grilles facilitate the air circulation from one compartmentation/room to another with around 50% reduction in air flow.

Normally air transfer grilles are fitted into a fire door leaf at the time of manufacture and allows for air circulation at normal room temperature.

With transparent intumescent flanges providing protection against fire, a range metal cover grilles are available. The metal cover grilles come in a variety of colours and the colours can be matched to provide an aesthetically attractive air transfer grille.

Grille Location



Typical Air Transfer Grilles locations.

Specifications

For further information on sizes, fire ratings and air transfer grille locations, contact your local Trafalgar sales office.

